



Attorney Docket No.: AMD-G0186
(USSN: 10/053,256)

et al. Renewal PPA
Carri Moore

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

In re Application of:

Inventor(s): Zhigang Wang, Yie-Song He and Richard Fastow

Assignee: Advanced Micro Devices, Inc.

Serial No.: 10/053 256

Examiner: not yet assigned

Filed: 01/18/02

Art Unit: not yet assigned

Title: TWO-STEP SOURCE SIDE IMPLANT FOR IMPROVING SOURCE RESISTANCE AND SHORT CHANNEL EFFECT IN DEEP SUB-0.18 MICROMETERS FLASH MEMORY TECHNOLOGY

Patent No.: not yet assigned

Issued Date: not yet assigned

**Assistant Commissioner for Patents
Washington, D.C. 20231**

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified

application,
 patent,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorney(s) and/or agents(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected herewith.

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The assignee is establishing ownership herewith by specifying an executed assignment which was:

Recorded in PTO on 01/18/02
Reel 012523
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The undersigned avers that he is empowered to sign this submission on behalf of the assignee.


Signature

JUL 17 2002

Date

Richard J. Roddy
(type or print name of person authorized to sign on behalf
of assignee)

Chief Patent & Trademark Counsel/Assistant
Secretary
Title
Reg. No. 27,688

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Zhigang Wang
Yue-Song He
Richard Fastow

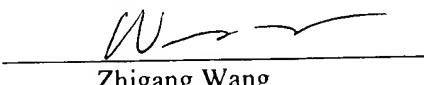
of San Jose, California
of San Jose, California
of Cupertino, California

hereby sell, assign and transfer to Advanced Micro Devices, Inc. a Delaware corporation, having a place of business at One AMD Place, Sunnyvale, California 94088-3453, its successors and assigns, the entire right, title and interest throughout the world in our invention in

TWO-STEP SOURCE SIDE IMPLANT FOR IMPROVING SOURCE
RESISTANCE AND SHORT CHANNEL EFFECT IN DEEP SUB-0.18 μ m FLASH
MEMORY TECHNOLOGY

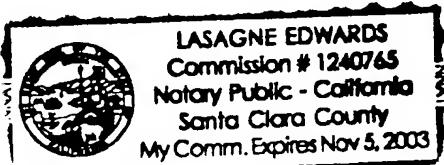
for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 22 day of August, 2001.

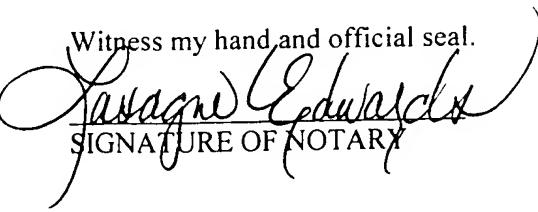

Zhigang Wang

State of California) ss.
County of Santa Clara)

on August 22, 2001 before me, Lasagne Edwards Notary,
personally appeared Zhigang Wang, proved to me on the basis of satisfactory evidence to be
the person whose name is subscribed to the within instrument and acknowledged to me that
he executed the same in his authorized capacity, and that by his signature on the instrument
the person, or the entity upon behalf of which the person acted, executed the instrument.



Witness my hand and official seal.


SIGNATURE OF NOTARY

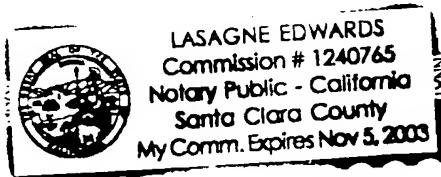
Executed this 24 day of August, 2001.

Yue-Song He
Yue-Song He

State of California) ss.
County of Santa Clara)

on August 24, 2001 before me, Lasagne Edwards Notary,
personally appeared Yue-Song He, proved to me on the basis of satisfactory evidence to be
the person whose name is subscribed to the within instrument and acknowledged to me that
he executed the same in his authorized capacity, and that by his signature on the instrument
the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.



Lasagne Edwards
SIGNATURE OF NOTARY

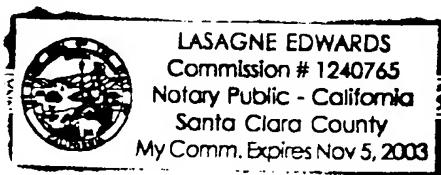
Executed this 24 day of August, 2001.

Richard Fastow
Richard Fastow

State of California) ss.
County of Santa Clara)

on August 24, 2001 before me, Lasagne Edwards Notary,
personally appeared Richard Fastow, proved to me on the basis of satisfactory evidence to be
the person whose name is subscribed to the within instrument and acknowledged to me that
he executed the same in his authorized capacity, and that by his signature on the instrument
the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.



Lasagne Edwards
SIGNATURE OF NOTARY